

10-07-03

10:05AM

FROM-Merchant &amp; Gould

6123329081

T-859 P. 001/009 F-145

**Merchant & Gould**

An Intellectual Property Law Firm

3200 IDS Center  
80 South Eighth Street  
Minneapolis, Minnesota  
55402-2215 USA  
TEL 612.332.5300  
FAX 612.332.9081  
www.merchant-gould.com

**Fax Transmission**

October 7, 2003

To: Commissioner for Patents  
Company: USPTO  
Your Ref: 08/734,443  
Fax No.: 703.872.9306  
Phone No.: 703.872.9305  
State/Country: D.C./U.S.A.  
Confirmation Via Mail: ☐ Yes ☒ No

From: Denise M. Kettelberger, Ph.D.  
Our Ref.: 11669.0165US01  
Fax No.: 612.332.9081  
Phone No.: 612.371.5268  
Total Pages: 9  
E-Mail: dkettelberger@merchant-gould.com  
Return Fax To: Lynnda Kraft 31.W12

**RECEIVED**  
**CENTRAL FAX CENTER**  
**OCT 07 2003**  
**OFFICIAL**

Title of Documents Transmitted:

Revocation and Power of Attorney, Certificate  
Under 37 C.F.R. § 3.73(b), and Copy of  
Recorded Assignment

Applicant: Keyt et al.  
Serial No.: 08/734,443  
Filed: October 17, 1996  
Group Art Unit: 1647  
Our Ref. No.: 11669.0165US01

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

CUSTOMER NO.:  
23552



By: Denise M. Kettelberger  
Name: Denise M. Kettelberger, Ph.D.  
Reg. No.: 33,924

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

Lynnda Kraft

Signature

Date

This transmission contains information that is confidential and/or legally privileged. It is intended for use only by the person to whom it is directed. If you have received this telecopy in error, please notify us by telephone immediately so that we can arrange for the return of the original documents to us.

If you did NOT receive all of the pages, please call us in the U.S.A. at 612.336.4664 or fax us at 612.332.9081.

10-07-03

10:05AM

FROM-Merchant &amp; Gould

6123329081

T-858 P.002/008 F-146

S/N 08/734,443

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Keyt et al. Examiner: Saoud, Christine J.  
 Serial No.: 08/734,443 Group Art Unit: 1647  
 Filed: October 17, 1996 Docket No.: 11669.0165US01  
 Title: VARIANTS OF VASCULAR ENDOTHELIAL CELL GROWTH  
 FACTOR HAVING ANTAGONISTIC PROPERTIES

CERTIFICATE UNDER 37 CFR 1.6(d):

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on  
October 7, 2003.

By:   
Name: Lynnda KraftRECEIVED  
CENTRAL FAX CENTER

OCT 07 2003

REVOCATION AND POWER OF ATTORNEY

Commissioner for Patents  
 Alexandria, VA 22313-1450

Dear Sir:

Please revoke any existing Powers of Attorney, if any, and appoint the following  
 attorneys and/or patent agents to prosecute this application and to transact all business in the U.S.

Patent and Trademark Office in connection therewith:

Ali, M. Jeffer	Reg. No. 46,359	Daulton, Julie R.	Reg. No. 36,414
Altera, Allan G.	Reg. No. 40,274	DeVries Smith, Katherine M.	Reg. No. 42,157
Anderson, Gregg I.	Reg. No. 28,828	DiPietro, Mark J.	Reg. No. 28,707
Batzli, Brian H.	Reg. No. 32,960	Doscotch, Matthew A.	Reg. No. 48,957
Beard, John L.	Reg. No. 27,612	Edell, Robert T.	Reg. No. 20,187
Berns, John M.	Reg. No. 43,496	Epp Ryan, Sandra	Reg. No. 39,667
Blackburn, Murrell W.	Reg. No. 50,881	Fitzsimmons, Karen A.	Reg. No. 50,470
Bortolotti, Rebecca	Reg. No. 51,488	Gadiano, Christina M.	Reg. No. 37,628
Branch, John W.	Reg. No. 41,633	Gaffney, Matthew M.	Reg. No. 46,717
Brown, Jeffrey C.	Reg. No. 41,643	Goggin, Matthew J.	Reg. No. 44,125
Bruess, Steven C.	Reg. No. 34,130	Golla, Charles E.	Reg. No. 26,896
Byrne, Linda M.	Reg. No. 32,404	Gorman, Alan G.	Reg. No. 38,472
Campbell, Keith	Reg. No. 46,597	Gould, John D.	Reg. No. 18,223
Clifford, John A.	Reg. No. 30,247	Gregson, Richard	Reg. No. 41,804
Cook, Jeffrey	Reg. No. 48,649	Gresens, John J.	Reg. No. 33,112
Daignault, Ronald A.	Reg. No. 25,968	Hamre, Curtis B.	Reg. No. 29,165
Daley, Dennis R.	Reg. No. 34,994	Hennings, Mark	Reg. No. 48,982

Hertzberg, Brett A.	Reg. No. 42,660	Randall, Joshua N.	Reg. No. 50,719
Hillson, Randall A.	Reg. No. 31,838	Reich, John C.	Reg. No. 37,703
Hope, Leonard J.	Reg. No. 44,774	Reiland, Earl D.	Reg. No. 25,767
Hornsby, III, Alton	Reg. No. 47,299	Schmaltz, David G.	Reg. No. 39,828
Jacobson, Charlie A.	Reg. No. P-53,061	Schuman, Mark D.	Reg. No. 31,197
Johns, Nicholas P.	Reg. No. 48,995	Schumann, Michael D.	Reg. No. 30,422
Johnston, Scott W.	Reg. No. 39,721	Scull, Timothy B.	Reg. No. 42,137
Kalinsky, Robert A.	Reg. No. 50,471	Sebald, Gregory A.	Reg. No. 33,280
Kettelberger, Denise	Reg. No. 33,924	Skoog, Mark T.	Reg. No. 40,178
Keys, Jeramie J.	Reg. No. 42,724	Stewart, Alan R.	Reg. No. 47,974
Knearl, Homer L.	Reg. No. 21,197	Stoll-DeBell, Kirstin L.	Reg. No. 43,164
Korver, Joshua W.	Reg. No. 51,894	Sullivan, Timothy	Reg. No. 47,981
Kowalchyk, Alan W.	Reg. No. 31,535	Swenson, Erik G.	Reg. No. 45,147
Kowalchyk, Katherine M.	Reg. No. 36,848	Tellekson, David K.	Reg. No. 32,314
Lamberty, Michael	Reg. No. 50,760	Trembath, Jon R.	Reg. No. 38,344
Larson, James A.	Reg. No. 40,443	Tunheim, Marcia A.	Reg. No. 42,189
Lauer, Deakin T.	Reg. No. 47,892	Underhill, Albert L.	Reg. No. 27,403
Leach III, Thomas J.	Reg. No. P-53,188	Vidovich, Kristin K.	Reg. No. 41,448
Leonard, Christopher J.	Reg. No. 41,940	Wahl, John R.	Reg. No. 33,044
Lewis, George C.	Reg. No. P-53,214	Welter, Paul A.	Reg. No. 20,890
Liepa, Mara E.	Reg. No. 40,066	Whitaker, John E.	Reg. No. 42,222
McDonald, Daniel W.	Reg. No. 32,044	Wiegand, Jamie	Reg. No. 52,361
McIntyre, Jr., William F.	Reg. No. 44,921	Wier, David D.	Reg. No. 48,229
Mueller, Douglas P.	Reg. No. 30,300	Williams, Douglas J.	Reg. No. 27,054
Nelson, Anna M.	Reg. No. 48,935	Withers, James D.	Reg. No. 40,376
Parsons, Nancy J.	Reg. No. 40,364	Wong, Bryan A.	Reg. No. 50,836
Pauly, Daniel M.	Reg. No. 40,123	Wong, Thomas S.	Reg. No. 48,577
Peterson, Kyle T.	Reg. No. 46,989	Xia, Tim Tingkan	Reg. No. 45,242
Phillips, John B.	Reg. No. 37,206	Zeuli, Anthony R.	Reg. No. 45,255
Pino, Mark J.	Reg. No. 43,858		
Qualey, Terry	Reg. No. 25,148		

Please direct all correspondence in this application to Denise M. Kettelberger,

Ph.D, P.O. Box 2903, Minneapolis, MN 55402-0903, telephone 612.371.5268.

Dated:

Oct 1, 2003

By:



Timothy R. Schwartz, Ph.D.  
Section Patent Counsel  
Genentech, Inc.  
Authorized Corporate Signatory

**CERTIFICATE UNDER 37 C.F.R. § 3.73(b)**

Genentech, Inc., a corporation organized and existing under the laws of the State of Delaware, having a place of business at 1 DNA Way, South San Francisco, CA 94080-4990, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of:

An assignment from the inventor(s), of the patent application identified above.

The assignment was recorded in the Patent and Trademark Office on October 17, 1996, reel 8314, frame 0778, of which a copy is attached.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Dated: Oct 1, 2003

By: 

Timothy R. Schwartz, Ph.D.  
Section Patent Counsel  
Genentech, Inc.  
Authorized Corporate Signatory

**RECEIVED**  
**CENTRAL FAX CENTER**

OCT 07 2003

**OFFICIAL**

10-07-03 10:06AM FROM-Merchant & Gould

6123329081

T-859 P.005/009 F-146



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

A-63096 WHP

MARCH 26, 1997

PTAS

FLEHR, HOHBACH, TEST, ALBRITTON ET AL  
WALTER H. DREGER  
FOUR EMBARCADERO CENTER, SUITE 3400  
SAN FRANCISCO, CA 94111-4187



\*100345077A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/17/1996

REEL/FRAME: 8314/0778  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KEYT, BRUCE A.

DOC DATE: 10/16/1996

ASSIGNOR:

NGUYEN, FRANCIS HUNG

DOC DATE: 10/16/1996

ASSIGNOR:

FERRARA, NAPOLEONE

DOC DATE: 10/16/1996

ASSIGNEE:

GENENTECH, INC.  
460 POINT SAN BRUNO BOULEVARD  
SOUTH SAN FRANCISCO, CALIFORNIA  
94080

SERIAL NUMBER: 08734443  
PATENT NUMBER:

FILING DATE: 10/17/1996  
ISSUE DATE:

10-07-03 10:06AM FROM-Merchant & Gould

6123329081

T-859 P.006/009 F-146

8314/0778 PAGE 2

SHARMALLA SIMPSON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

10-07-03 10:07AM FROM-Merchant & Gould

6123329081

T-859 P.007/009 F-146

01-28-1997

08/734443

FORM PTO-1592  
1-91-92

REC



ET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please return this document as or copy thereof.

1. Name of conveying party(ies):  
Bruce A. Keyt;  
Francis Hung Nguyen;  
Napoleone Feirara

67212 U.S. PTO  
01/27/97

Additional name(s) of conveying party(ies) attached?

[ ] Yes [x] No

3. Nature of Conveyance:

[X] Assignment [ ] Merger  
[ ] Security Agreement [ ] Change of Name  
[ ] Other

2. Name and address of receiving party(ies):  
Name: Genentech, Inc.  
Internal Address:

Street Address: 460 Point San Bruno Boulevard

City: South San Francisco, California

Country USA

Zip: 94080

Additional name(s) & address(es) attached?

[ ] Yes [x] No

Execution Date: October 16, 1996

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: October 16, 1996

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? [ ] Yes [x] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Walter H. Dreger

Internal Address: FLEHR, HOHBACH, TEST,  
ALBRITTON & HERBERT

Street Address: SUITE 3400

FOUR EMBARCADERO CENTER

City: SAN FRANCISCO

State: CA

Zip: 94111-4187

6. Total number of applications and patents involved: (1)

7. Total fee (37 CFR 3.41):.....\$ 40.00

[x] Enclosed

[ ] Authorized to be charged to deposit account

8. Deposit account number: 06-1300

Please debit any underpayment or credit any overpayment to the above deposit account.

Our Order No. A-63096/WHD

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Walter H. Dreger

Name of Person Signing

Signature

17 Oct 96

Date

Total number of pages including cover sheet, attachments and document: [ 3 ]

OMB No. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents, Box Assignments  
Washington, DC 20231

File No. A-63096/WHD

08/734443  
40.00 PK

Rev. 8/93 (9811)

Docket No. A-63096/WH  
(Genentech Docket: PO993)

## ASSIGNMENT

WHEREAS, Bruce A. Keyt, a citizen of US, residing at Pacifica, CA and Francis Hung Nguyen, a citizen of US, residing at Daly City, CA, and Napoleone Ferrara, a citizen of IT, residing at San Francisco, CA, (hereinafter referred to as "ASSIGNORS") have invented a new and useful invention in

### VARIANTS OF VASCULAR ENDOTHELIAL CELL GROWTH FACTOR HAVING ANTAGONISTIC PROPERTIES

for which an application (Docket No. A-63096/WH; Genentech Docket No.: PO993) for Letters Patent is being filed herewith; and

WHEREAS, GENENTECH, INC., a corporation organized and existing under and by virtue of the laws of the State of Delaware, having a place of business at 460 Point San Bruno Boulevard, South San Francisco, California 94080, is desirous of acquiring an interest in and to said invention, and in and to the Letters Patents to be obtained therefor;

NOW, THEREFORE, be it known by all whom it may concern;

That for good and valuable consideration the receipt of which is hereby acknowledged, the said ASSIGNORS have and do hereby sell, assign, transfer and set over unto the said GENENTECH, INC., its successors and assigns, the full and exclusive right, title and interest including all rights under the Paris Convention for the Protection of Industrial Property, in and to said invention, and in and to any and all Letters Patents to be granted and issued therefor, not only for, to, and in the United States of America, its territories and possessions, but for, to and in all other countries; and it has been and is hereby authorized and requested that the appropriate government agencies issue said Letters Patents to said GENENTECH, INC., in accordance with this Assignment.

Said ASSIGNORS covenant and agree to cooperate with GENENTECH, INC., to enable said GENENTECH, INC. to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said ASSIGNORS includes prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said GENENTECH, INC., (a) for perfecting the right, title and interest herein conveyed (b) for prosecuting any of said applications; (c) for filing and prosecuting applications for reissuance of any of said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said ASSIGNORS in providing such cooperation shall be paid for by said GENENTECH, INC.

The terms and covenants of this assignment shall inure to the benefit of said GENENTECH, INC., its successors, assigns and other legal representatives, and shall be binding upon said ASSIGNORS, their respective heirs, legal representatives and assigns.

Said ASSIGNORS hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

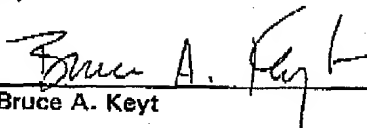


IN WITNESS WHEREOF we undersign as follows;

South San Francisco

Dated:

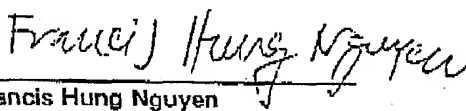
10/14/96

  
Bruce A. Keyt

South San Francisco

Dated:

10/16/96

  
Francis Hung Nguyen

South San Francisco

Dated:

10/12/96

  
Napoleone Ferrara